

**1993 ALL GOOSE SURVEY**  
**Mississippi Flyway - Southeastern Region**  
**December 13-17, 1993**

Weather during the survey period was generally cloudy with temperatures ranging from 30° - 50°. Rain and/or low ceilings delayed completion of the survey to as late as December 23<sup>rd</sup> in Tennessee and December 22<sup>nd</sup> in Kentucky. General weather conditions prior to the December survey this year were somewhat colder and probably more normal than the last four years.

Unfortunately, two records were set this year. The 19,765 **SJBP** Canada geese counted during the 1993 survey was the lowest ever recorded for a December survey in the Southeastern states of the Mississippi Flyway. Both Alabama and Tennessee reported the lowest number ever, for SJBP geese during any December survey. The 66,055 **total** Canada geese was also the lowest number ever counted during any December survey. December surveys were initiated in 1969.

The following is a comparison of the December Canada goose counts for the last four years:

<b>Canada Geese</b>	<b>1993</b>	<b>1992</b>	<b>1991</b>	<b>1990</b>
TGP	1,000	0	700	400
EPP	3,674	2,618	9,131	3,579
MVP	28,066	43,265	79,926	69,133
SJBP	19,765	27,809	22,580	56,386
MAX	13,550	16,060	14,235	15,388
<b>TOTAL</b>	<b>66,055</b>	<b>89,752</b>	<b>126,572</b>	<b>144,904</b>
<b>Snow Geese</b>	<b>989,660</b>	<b>561,903</b>	<b>837,671</b>	<b>719,100</b>
<b>White-fronted Geese</b>	<b>153,886</b>	<b>98,097</b>	<b>172,942</b>	<b>135,700</b>

Compiled by:  
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Southeastern Region

SPECIES					
Location	CANADA			SNOW	White- Fronted
	Migrants	MAX	TOTAL		
Kentucky					
Zone 1	26,758	1,060	27,818	4	3
2	65	100	165	0	0
3	0	30	30	0	0
Total	26,823	1,190	28,013	4	3
Arkansas					
Zone 1	2,174	2,310	4,484	1,140	0
2	1,405	0	1,405	136,575	23,885
3	2,700	0	2,700	247,420	27,125
Total	6,279	2,310	8,589	385,135	51,010
Tennessee					
Zone 1	5,109	50	5,159	0	3
2	8,194	1,096	9,290	19	47
3	0	3,501	3,501	0	0
Total	13,303	4,647	17,950	19	50
Louisiana					
Zone 1	NS	NS	NS	NS	NS
2	300	0	300	293,400	41,600
3	1,000	1,000	2,000	261,900	60,200
4	0	0	0	43,800	500
Total	1,300	1,000	2,300	599,100	102,300
Mississippi					
Zone 1	0	50	50	4,800	520
2	2,600	2,577	5,177	1	0
3	NS	NS	NS	NS	NS
Total	2,600	2,627	5,227	4,801	520
Alabama					
Zone 1	2,000	1,381	3,381	600	3
2	200	395	595	0	0
3	0	0	0	1	0
4	0	0	0	0	0
Total	2,200	1,776	3,976	601	3
Total - Region	52,505	13,550	66,055	989,660	153,886

NS = Not Surveyed

Canada Goose Population Subdivision  
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State	TGP	EPP	MVP	SJBP	MAX	TOTAL
Kentucky			17,452	9,371	1,190	28,013
Arkansas		3,524	2,755		2,310	8,589
Tennessee			5,109	8,194	4,647	17,950
Louisiana	1,000	150	150		1,000	2,300
Mississippi			2,600		2,627	5,227
Alabama				2,200	1,776	3,976
TOTALS	1,000	3,674	28,066	19,765	13,550	66,055

Criteria used to separate December 1993 estimates of Canada geese into management populations:

State	Criteria
Kentucky	Zone 1 - 17,452 MVP, 9,306 SJBP; Zones 2 & 3 - SJBP except MAX
Arkansas	Zone 1 - EPP; Zone 2 - MVP; Zone 3 - 1/2 EPP and 1/2 MVP
Tennessee	Zone 1 - MVP; Zones 2 & 3 - SJBP except MAX
Louisiana	Zone 2 - 1/2 EPP, 1/2 MVP; Zone 3 - TGP except MAX
Mississippi	All MVP except MAX
Alabama	All SJBP except MAX